

GENESEE COUNTY ROAD COMMISSION

211 WEST OAKLEY STREET
FLINT, MICHIGAN 48503

**ENGINEER'S ESTIMATE
LOCAL ROAD IMPROVEMENTS
MUNDY CHARTER TOWNSHIP**

DATE: 6/4/2008

ROAD NAME: Hannaland Drive (The Village) **Alternative #1**

LOCATION: Torrey Road to Secluded Lane

LENGTH: 0.09 Mile

PREPARED BY: RH

Removal of Existing Pavement, HMA over Limestone Paving, Salvage Ex. Curb & Gutter, Storm Sewer & Underdrain Improvements

DESCRIPTION	PAY UNIT	QUANTITY	UNIT PRICE	AMOUNT
Curb and Gutter, Remove	Ft	250	\$ 14.00	\$ 3,500.00
Pavement, Remove, Modified	Syd	1,500	\$ 6.00	\$ 9,000.00
Subgrade Undercutting, Type II, Modified	Cyd	50	\$ 30.00	\$ 1,500.00
Agregate Base, Modified	Ton	600	\$ 22.00	\$ 13,200.00
Sewer, Class III, 12 inch, Trench Detail B	Ft	50	\$ 38.00	\$ 1,900.00
Drainage Structure, 48 inch Dia	Each	3	\$ 1,500.00	\$ 4,500.00
Drainage Structure Cover	Lbs	1,350	\$ 1.50	\$ 2,025.00
Underdrain, Subbase, 6 Inch	Ft	1,000	\$ 12.00	\$ 12,000.00
HMA, 13A	Ton	460	\$ 60.00	\$ 27,600.00
Curb and Gutter, Concrete, Detail F4, Modified	Ft	250	\$ 18.00	\$ 4,500.00
Slope Restoration, Modified	Syd	150	\$ 5.00	\$ 750.00
Miscellaneous Construction Contingencies	L.S.	1	\$ 8,525.00	\$ 8,525.00
CONSTRUCTION COST				\$ 89,000.00
ENGINEERING & INSPECTION *				\$ 22,250.00
TOTAL PROJECT COST				\$ 111,250.00

* 100% FUNDED BY THE GENESEE COUNTY ROAD COMMISSION.

PROJECT FUNDING

COMMUNITY DEVELOPMENT FUNDS WILL BE USED
ON THIS PROJECT.

YES ☐ NO ☐

IF C.D. FUNDS ARE TO BE USED ON THIS PROJECT
A COPY OF THE LETTER OF RELEASE OF C.D.
FUNDS IS ATTACHED HERETO.

TOWNSHIP APPROVAL

TYPE OF IMPROVEMENT

- ☐ GRADING, DITCHING & SHAPING
☐ RESURFACING
☐ PAVING WIDTH
☒ OTHER (Pavement Reconstruction)

SURVEY AND PLANS REQUIRED

NO ☐ YES ☒

SUPERVISOR _____

DATE _____

GENESEE COUNTY ROAD COMMISSION211 WEST OAKLEY STREET
FLINT, MICHIGAN 48503**ENGINEER'S ESTIMATE
LOCAL ROAD IMPROVEMENTS
MUNDY CHARTER TOWNSHIP**

DATE: 6/4/2008

ROAD NAME: Hannaland Drive (The Village) Alternative #1

LOCATION: Secluded Lane to McKenzie Drive

LENGTH: 0.07 Mile

PREPARED BY: RH

Removal of Existing Pavement, HMA over Limestone Paving, Salvage Ex. Curb & Gutter, Storm Sewer & Underdrain Improvements

DESCRIPTION	PAY UNIT	QUANTITY	UNIT PRICE	AMOUNT
Curb and Gutter, Remove	Ft	175	\$ 14.00	\$ 2,450.00
Pavement, Remove, Modified	Syd	1,050	\$ 6.00	\$ 6,300.00
Subgrade Undercutting, Type II, Modified	Cyd	35	\$ 30.00	\$ 1,050.00
Agregate Base, Modified	Ton	420	\$ 22.00	\$ 9,240.00
Sewer, Class III, 12 inch, Trench Detail B	Ft	50	\$ 38.00	\$ 1,900.00
Drainage Structure, 48 inch Dia	Each	1	\$ 1,500.00	\$ 1,500.00
Drainage Structure Cover	Lbs	350	\$ 1.50	\$ 525.00
Underdrain, Subbase, 6 Inch	Ft	700	\$ 12.00	\$ 8,400.00
HMA, 13A	Ton	320	\$ 60.00	\$ 19,200.00
Curb and Gutter, Concrete, Detail F4, Modified	Ft	175	\$ 18.00	\$ 3,150.00
Slope Restoration, Modified	Syd	100	\$ 5.00	\$ 500.00
Miscellaneous Construction Contingencies	L.S.	1	\$ 5,785.00	\$ 5,785.00
CONSTRUCTION COST				\$ 60,000.00
ENGINEERING & INSPECTION *				\$ 15,000.00
TOTAL PROJECT COST				\$ 75,000.00

* 100% FUNDED BY THE GENESEE COUNTY ROAD COMMISSION.

PROJECT FUNDINGCOMMUNITY DEVELOPMENT FUNDS WILL BE USED
ON THIS PROJECT.YES ☐ NO ☐IF C.D. FUNDS ARE TO BE USED ON THIS PROJECT
A COPY OF THE LETTER OF RELEASE OF C.D.
FUNDS IS ATTACHED HERETO.**TOWNSHIP APPROVAL****TYPE OF IMPROVEMENT**

- ☐ GRADING, DITCHING & SHAPING
☐ RESURFACING
☐ PAVING WIDTH
☒ OTHER (Pavement Reconstruction)

SURVEY AND PLANS REQUIREDNO ☐ YES ☒_____
SUPERVISOR_____
DATE

GENESEE COUNTY ROAD COMMISSION

211 WEST OAKLEY STREET
FLINT, MICHIGAN 48503

ENGINEER'S ESTIMATE
LOCAL ROAD IMPROVEMENTS
MUNDY CHARTER TOWNSHIP

DATE: 6/4/2008

ROAD NAME: Secluded Lane (The Village) Alternative #1

LOCATION: Hannaland Drive to Valley Lane

LENGTH: 0.21 Mile

PREPARED BY: RH

Removal of Existing Pavement, HMA over Limestone Paving, Salvage Ex. Curb & Gutter, Storm Sewer & Underdrain Improvements

DESCRIPTION	PAY UNIT	QUANTITY	UNIT PRICE	AMOUNT
Curb and Gutter, Remove	Ft	550	\$ 14.00	\$ 7,700.00
Pavement, Remove, Modified	Syd	3,180	\$ 6.00	\$ 19,080.00
Subgrade Undercutting, Type II, Modified	Cyd	100	\$ 30.00	\$ 3,000.00
Agregate Base, Modified	Ton	1,250	\$ 22.00	\$ 27,500.00
Sewer, Class III, 12 inch, Trench Detail B	Ft	350	\$ 38.00	\$ 13,300.00
Drainage Structure, 48 inch Dia	Each	3	\$ 1,500.00	\$ 4,500.00
Drainage Structure Cover	Lbs	1,350	\$ 1.50	\$ 2,025.00
Underdrain, Subbase, 6 Inch	Ft	2,200	\$ 12.00	\$ 26,400.00
HMA, 13A	Ton	960	\$ 60.00	\$ 57,600.00
Curb and Gutter, Concrete, Detail F4, Modified	Ft	550	\$ 18.00	\$ 9,900.00
Slope Restoration, Modified	Syd	310	\$ 5.00	\$ 1,550.00
Miscellaneous Construction Contingencies	L.S.	1	\$ 17,445.00	\$ 17,445.00
CONSTRUCTION COST				\$ 190,000.00
ENGINEERING & INSPECTION *				\$ 47,500.00
TOTAL PROJECT COST				\$ 237,500.00

* 100% FUNDED BY THE GENESEE COUNTY ROAD COMMISSION.

PROJECT FUNDING

COMMUNITY DEVELOPMENT FUNDS WILL BE USED
ON THIS PROJECT.

YES ☐ NO ☐

IF C.D. FUNDS ARE TO BE USED ON THIS PROJECT

A COPY OF THE LETTER OF RELEASE OF C.D.

FUNDS IS ATTACHED HERETO.

TYPE OF IMPROVEMENT

☐ GRADING, DITCHING & SHAPING

☐ RESURFACING

☐ PAVING WIDTH

☒ OTHER (Pavement Reconstruction)

SURVEY AND PLANS REQUIRED

NO ☐

YES ☒

TOWNSHIP APPROVAL

SUPERVISOR

DATE

GENESEE COUNTY ROAD COMMISSION211 WEST OAKLEY STREET
FLINT, MICHIGAN 48503**ENGINEER'S ESTIMATE
LOCAL ROAD IMPROVEMENTS
MUNDY CHARTER TOWNSHIP**

DATE: 6/4/2008

ROAD NAME: Secluded Lane (The Village) Alternative #1

LOCATION: Valley Lane to End

LENGTH: 0.03 Mile

PREPARED BY: RH

Removal of Existing Pavement, HMA over Limestone Paving, Salvage Ex. Curb & Gutter, Storm Sewer & Underdrain Improvements

DESCRIPTION	PAY UNIT	QUANTITY	UNIT PRICE	AMOUNT
Curb and Gutter, Remove	Ft	75	\$ 14.00	\$ 1,050.00
Pavement, Remove, Modified	Syd	440	\$ 6.00	\$ 2,640.00
Subgrade Undercutting, Type II, Modified	Cyd	20	\$ 30.00	\$ 600.00
Agregate Base, Modified	Ton	180	\$ 22.00	\$ 3,960.00
Sewer, Class III, 12 inch, Trench Detail B	Ft	50	\$ 38.00	\$ 1,900.00
Drainage Structure, 48 inch Dia	Each	1	\$ 1,500.00	\$ 1,500.00
Drainage Structure Cover	Lbs	500	\$ 1.50	\$ 750.00
Underdrain, Subbase, 6 Inch	Ft	300	\$ 12.00	\$ 3,600.00
HMA, 13A	Ton	140	\$ 60.00	\$ 8,400.00
Curb and Gutter, Concrete, Detail F4, Modified	Ft	75	\$ 18.00	\$ 1,350.00
Slope Restoration, Modified	Syd	50	\$ 5.00	\$ 250.00
Miscellaneous Construction Contingencies	L.S.	1	\$ 3,000.00	\$ 3,000.00
CONSTRUCTION COST				\$ 29,000.00
ENGINEERING & INSPECTION *				\$ 7,250.00
TOTAL PROJECT COST				\$ 36,250.00

* 100% FUNDED BY THE GENESEE COUNTY ROAD COMMISSION.

PROJECT FUNDINGCOMMUNITY DEVELOPMENT FUNDS WILL BE USED
ON THIS PROJECT.YES ☐NO ☐

IF C.D. FUNDS ARE TO BE USED ON THIS PROJECT

A COPY OF THE LETTER OF RELEASE OF C.D.

FUNDS IS ATTACHED HERETO.

TYPE OF IMPROVEMENT☐ GRADING, DITCHING & SHAPING☐ RESURFACING☐ PAVING WIDTH☒ OTHER (Pavement Reconstruction)**SURVEY AND PLANS REQUIRED**NO ☐YES ☒**TOWNSHIP APPROVAL**_____
SUPERVISOR_____
DATE

GENESEE COUNTY ROAD COMMISSION211 WEST OAKLEY STREET
FLINT, MICHIGAN 48503**ENGINEER'S ESTIMATE
LOCAL ROAD IMPROVEMENTS
MUNDY CHARTER TOWNSHIP**

DATE: 6/4/2008

ROAD NAME: Valley Lane (The Village) Alternative #1

LOCATION: Secluded Lane to End

LENGTH: 0.04 Mile

PREPARED BY: RH

Removal of Existing Pavement, HMA over Limestone Paving, Salvage Ex. Curb & Gutter, Storm Sewer & Underdrain Improvements

DESCRIPTION	PAY UNIT	QUANTITY	UNIT PRICE	AMOUNT
Curb and Gutter, Remove	Ft	110	\$ 14.00	\$ 1,540.00
Pavement, Remove, Modified	Syd	650	\$ 6.00	\$ 3,900.00
Subgrade Undercutting, Type II, Modified	Cyd	20	\$ 30.00	\$ 600.00
Agregate Base, Modified	Ton	260	\$ 22.00	\$ 5,720.00
Sewer, Class III, 12 inch, Trench Detail B	Ft	50	\$ 38.00	\$ 1,900.00
Drainage Structure, 48 inch Dia	Each	1	\$ 1,500.00	\$ 1,500.00
Drainage Structure Cover	Lbs	500	\$ 1.50	\$ 750.00
Underdrain, Subbase, 6 Inch	Ft	450	\$ 12.00	\$ 5,400.00
HMA, 13A	Ton	200	\$ 60.00	\$ 12,000.00
Curb and Gutter, Concrete, Detail F4, Modified	Ft	110	\$ 18.00	\$ 1,980.00
Slope Restoration, Modified	Syd	60	\$ 5.00	\$ 300.00
Miscellaneous Construction Contingencies	L.S.	1	\$ 4,410.00	\$ 4,410.00
CONSTRUCTION COST				\$ 40,000.00
ENGINEERING & INSPECTION *				\$ 10,000.00
TOTAL PROJECT COST				\$ 50,000.00

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PROJECT FUNDINGCOMMUNITY DEVELOPMENT FUNDS WILL BE USED
ON THIS PROJECT.YES ☐ NO ☐

IF C.D. FUNDS ARE TO BE USED ON THIS PROJECT

A COPY OF THE LETTER OF RELEASE OF C.D.

FUNDS IS ATTACHED HERETO.

TYPE OF IMPROVEMENT☐ GRADING, DITCHING & SHAPING☐ RESURFACING☐ PAVING WIDTH☒ OTHER (Pavement Reconstruction)**SURVEY AND PLANS REQUIRED**NO ☐YES ☒**TOWNSHIP APPROVAL**_____
SUPERVISOR_____
DATE